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DIALOG(R)File 351:Derwent WPI

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014074269 \*\*Image available\*\*

WPI Acc No: 2001-558482/ 200163

XRPX Acc No: N01-415013

Coating method involves feeding only actually necessary quantity of paint and minimal system-related residual quantity into supply line irrespective of length and capacity

Patent Assignee: LAC TEC GMBH GES MODERNE LACKIERTECHNIK (LACT-N); KLEIN U (KLEI-I); OTT W (OTTW-I); WEISS V (WEIS-I)

Inventor: KLEIN U; OTT W; WEISS W; WEISS V

Number of Countries: 028 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10006310	A1	20010816	DE 1006310	A	20000212	200163 B
CA 2332681	A1	20010812	CA 2332681	A	20010130	200163
US 20010013315	A1	20010816	US 2001778230	A	20010206	200163
EP 1142649	A2	20011010	EP 2001101499	A	20010124	200167

Priority Applications (No Type Date): DE 1006310 A 20000212

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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DE 10006310	A1		9	B05D-001/02	
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CA 2332681	A1 E			B05D-001/02	
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US 20010013315	A1			B05C-005/00	
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EP 1142649	A2 G			B05D-001/02	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): DE 10006310 A1

NOVELTY - The method involves several atomizers (2-4) in a row and a main supply line (5) with a paint supply unit (7) at one end. Only the actually necessary quantity of paint and a minimal system-related residual quantity are fed into the supply line irrespective of its length and capacity. The contents of the line are forced to the atomizer(s) yet to be served by a ram subject to a displacement medium and fully or almost fully ejected.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following: a coating arrangement, especially for painting individual objects or small runs of objects with a small quantity of paint.

USE - Especially for painting individual objects or small runs of objects with a small quantity of paint.

ADVANTAGE - Ensures that only the actually necessary quantity of paint and a minimal system-related residual quantity are required.

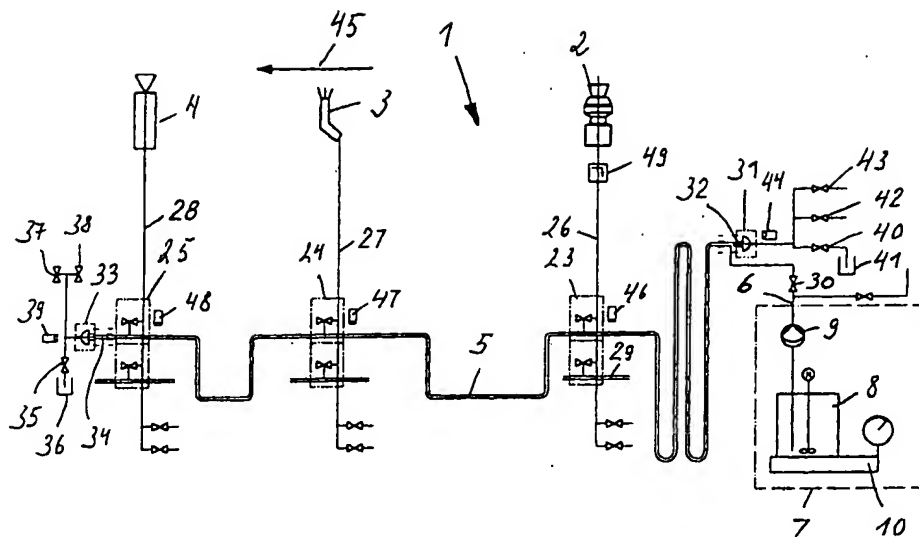
DESCRIPTION OF DRAWING(S) - The drawing shows a flow schematic representation of a coating system

atomizers (2-4)

main supply line (5)

paint supply unit (7)

pp; 9 DwgNo 1/6



Title Terms: COATING; METHOD; FEED; NECESSARY; QUANTITY; PAINT; MINIMUM;  
SYSTEM; RELATED; RESIDUE; QUANTITY; SUPPLY; LINE; IRRESPECTIVE; LENGTH;  
CAPACITY

Derwent Class: P42; S02; X25

International Patent Class (Main): B05C-005/00; B05D-001/02

International Patent Class (Additional): B05B-007/14; B05B-007/24;  
B05B-009/03; B05B-012/00; B05B-015/12

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): S02-C04X; X25-K05

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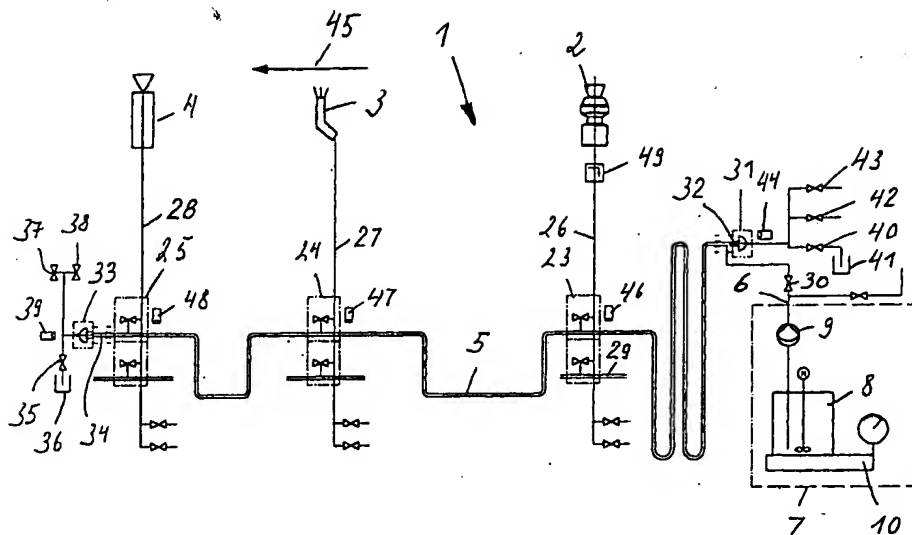
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International Patent Class (Main): B05C-005/00; B05D-001/02

International Patent Class (Additional): B05B-007/14; B05B-007/24;

B05B-009/03; B05B-012/00; B05B-015/12

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): S02-C04X; X25-K05